

CERTIFICATE

This is to certify that Rajlakshmi Das a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll 041715 No. 22380016 and Registration No.01-110016640 of 2011 - 2012 successfully completed her dissertation paper entitled "On recalculating the weights of Combined Bowling Rate for Twenty20 cricket".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. She carried out the whole work with utmost sincerity and the present report is the outcome of her efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

Date: 03/05/16

La hattocharjee (Dibyojyoti Bhattacharjee)

Dr. Dibyojyoti Bhattacharjee, Professor and Head, Email: djb.stat@gmail.com, © 94351-70253
Dr. Tanusree Deb Roy, Assistant Professor, Email: tanusree.deb.roy@gmail.com, © 94358-48138
Dr. Jonali Gogoi, Assistant Professor, Email: zonalic04@gmail.com, © 94353-80270
Ms. Sangeeta Goala, Laboratory Assistant, Email: goala sangeela@gmail.com, © 94017-12999



<u>CERTIFICATE</u>

This is certify that Snehashish Roy a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll - 041614 No. 22380005 Registration No. 01110016535 of 2011 - 2012 has successfully completed his dissertation paper entitled "A study on state wise comparison of Infant Mortality in India".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. He carried out the whole work with utmost sincerity and the present report is the outcome of his efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

Dated: 12/5/2016



(Jonali Gogoi)

Dr. Tanusree Deb Roy, Assistant Professor, Email: tanusree.deb.roy@gmail.com, @ 94358-48138

Dr. Jonali Gogoi, Assistant Professor, Email: zonalic04@gmail.gom, @ 94353-80270 Ms. Sangeeta Goala, Laboratory Assistant, Email: goala.sangeeta@gmail.com, Ø 94017-12999

This is certify that Piyali Ghosh a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll -031514 No.22380006, Registration No.01-100008456 of 2010 - 2011 has successfully completed her dissertation paper entitled "Statistical Analysis of Rainfall Data of Silchar".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. She carried out the whole work with utmost sincerity and the present report is the outcome of her efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

Dated: 7-5-2016

Tanusiel Deb Ro Tanusree Deb Roy (Assistant Professor) Department of Statistics Assam University, Silchar

Dr. Taumsree Deb Roy, Assistant Professor, Email: tanusree.deb.roy@gmail.com, D 94358-48138 Dr. Jonali Gogot, Assistant Professor, Email: zonalie04@gmail.com D 94353-80270

Ms. Sangeeta Goala, Laboratory Assistant. Email: goala sangeeta@gmail.com. @ 94017-12999



CERTIFICATE

This is certify that **Prodip Kumar Gour** a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll-041614 No.-22380004 Registration No. 01-100008403 of 2010-2011 has successfully completed his dissertation paper entitled "A study on Batting Averages in cricket".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. He carried out the whole work with utmost sincerity and the present report is the outcome of his efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

Dated: 12.5.2016

Dibyojyoti Bhattacharjee)



Ms. Sangeeta Goala, Laboratory Assistant, Email: goala sangeeta@gmail.com, @ 94017-12999





This is certify that Debopama Bhattacharya, a student of Master of Statistics, 4th Semestar of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll - 041614 No. - 22380003 and Registration No. - 01-100008533 of 2010-2011 has successfully completed her dissertation paper entitled "Quantification of Brain Dysfunction in Elderly Population with Wisconsin Card Sorting Test: Some Methodological Advance".

The study was completed under my direct supervision and guidance for the partial fulfilment of the course curriculum of Master of Statistics. She carried out the whole work with utmost sincerity and the present report is the outcome of her efforts and endeavours.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge. Shallachayee

Dated: 03/05/16



Dr, Dibyojyoti Bhattacharjee, Professor and Head, Department of Statistics, Assam University, Silchar.

Dr. Tanusree Deb Roy, Assistant Professor, Email: tanusree.deb.roy@gmail.com, ⊅ 94358-48138

Dr. Jonali Gogoi, Assistant Professor, Email: zonalie04@gmail.com, @ 94353-80270

Ms. Sangeeta Goala, Laboratory Assistant, Email: goala sangecta@gmail.com, Ф 94017-12999





This is to certify that Priva Roy a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll 041715 No. 22380015 and Registration No.02-120026064 of 2012 successfully completed her dissertation paper "Random Number Generation from Continuous Distribution using different Statistical Softwares: A Comparative Study".

The study was completed under my direct supervision and guidance for the partial fulfilment of the course curriculum of Master of Statistics. She carried out the whole work with utmost sincerity and the present report is the outcome of her efforts and endeavours.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

> Bhattachajle (Dibyojyoti Bhattacharjee)

Date: 15th May, 2017

Dr. Dibyojyoti Bhattacharjee, Professor and Head, Email: djb.stat@gmail.com. © 94351-70253 Dr. Tanusree Deb Roy, Assistant Professor, Email: tanusree.deb.roy@gmail.com. © 94358-48138 Dr. Jonali Gogoi, Assistant Professor, Email: zonalic04@gmail.com. © 94353-80270

Ms. Sangeeta Goala, Laboratory Assistant, Email: goala sangeeta@gmail.com, © 94017-12999



CERTIFICATE

This is to certify that Utpal Dhar Das a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll-041715 No.-22380018 and Registration No. 38-150068140 of 2015 - 2016 has successfully completed his dissertation paper entitled "Study on temperature trend of Guwahati city by time series".

The study was completed under my direct supervision and guidance for the partial fulfilment of the course curriculum of Master of Statistics. He carried out the whole work with utmost sincerity and the present report is the outcome of his efforts and endeavours.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

(Dr. Tanusree Deb Roy)

Date: 15th May, 2017

Dr. Tanusree Deb Roy Assistant Professor Department of Statistics Assam University, Silchar-788011



This is to certify that LUTHFA SULTANA a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll.041715 and Registration No.02-120026054 of 2012 - 2013 has successfully completed her dissertation paper entitled "NOUN COUNT IN A CORPUS - A STATISTICAL APPROACH".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. She carried out the whole work with utmost sincerity and the present report is the outcome of her efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

(Dr. Tanusree Deb Rov)

Date: 15 May, 2017

Dr. Tanusree Deb Roy Assistant Professor Department of Statistics Assam University, Silchar-788011

Dr. Dibyojyoti Bhattacharjee, Professor and Head, Email: djb.stat@gmail.com, ₱ 94351-70253

Dr. Tanusree Deb Roy, Assistant Professor, Email: tanusree.deb.roy@gmail.com, © 94358-48138 Dr. Jonali Gogoi, Assistant Professor, Email: zonalic04@gmail.com, © 94353-80270

Ms. Sangeeta Goala, Laboratory Assistant, Email: goala.sangceta@gmail.com, @ 94017-12999



CERTIFICATE

This is to certify that Mimon Bardhan a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll-041715 No.-02010968 and Registration No.- 01-110016462 of 2011 - 2012 has successfully completed dissertation his paper entitled "MONTHLY-WISE TEA PRODUCTION IN ASSAM".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. He carried out the whole work with utmost sincerity and the present report is the outcome of his efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

(Dr. Jonali Gogoi)

Date: 15 May, 2017

Place : Assam University, Silchen

Dr. Jenali Gogol **Assistant Professor** Department of Statistics Assam University, Silchar-788011

Dr. Dibyojyoti Bhattacharjee, Professor and Head, Email: djb.stat@gmail.com. @ 94351-70253

Dr. Tanusree Deb Roy, Assistant Professor, Email: tanusree.deb.roy@gmail.com, ① 94358-48138
Dr. Jonali Gogoi, Assistant Professor, Email: zonalic04@gmail.com, ① 94353-80270 Ms. Sangeeta Goala, Laboratory Assistant, Email: goala.sangecta@gmail.com, @ 94017-12999





This is to certify that Bijoya Singha a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll 041715 No. 22380012 and Registration No. 04-100009283 of 2010 - 2011 has successfully completed her dissertation paper entitled "A Study on District-Wise Tea Production in Assam".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. She carried out the whole work with utmost sincerity and the present report is the outcome of her efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

Date: 15 May, 2017

(Jonali Gogoi)

Dr. Jonali Gogei Assistant Professor Department of Statistics Assam University, Silchar-788011

Dr. Dibyojyoti Bhattacharjee, Professor and Head, Email: djb.stat@gmail.com. © 94351-70253 Dr. Tanusree Deb Roy, Assistant Professor, Email: tanusree.deb.roy@gmail.com, © 94358-48138 Dr. Jonali Gogoi, Assistant Professor, Email: zonalic04@gmail.com, © 94353-80270

Ms. Sangeeta Goala, Laboratory Assistant, Email: goala sangecta@gmail.com, © 94017-12999

This is to certify that Suraj Goswami a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll 041816 No. 22380037 and Registration No. 01-120028974 of 2012 - 2013 has successfully completed his dissertation paper entitled "AN EMPIRICAL STUDY ON THE STATUS OF CHILD HEALTH CARE IN NORTHEAST INDIA".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. He carried out the whole work with utmost sincerity and the present report is the outcome of his efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

Donate ochanjee

(Prof. Dibyojyoti Bhattacharjee)

Date: 15/05/2018

Dr. Jonali Gogoi, Assistant Professor, Email: zonalie04@gmail.com, @ 94353-80270





This is to certify that Bornali Das, a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll 041816 No. 22380030 and Registration No. 02-130041816 of 2013-2014 has successfully completed her dissertation paper entitled "Concomitant of Order Statistics of Bivariate Pseudo Length Biased Exponential Distribution".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. She carried out the whole work with utmost sincerity and the present report is the outcome of her efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

(Dr. Tanusree Deb Roy)

Date: 10.5.18

Dr. Jonali Gogoi, Assistant Professor, Email: zonalic04@gmail.com, @ 94353-80270

Ms. Sangeeta Goala, Laboratory Assistant, Email: goala.sangecta@gmail.com, @ 94017-12999



This is to certify that Suparna Das a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University. Silchar, bearing Roll 041816 No. 22380036 and Registration No. 02-110018789 of 2011 - 2012 has successfully completed her dissertation paper entitled "A study of rice production in India".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. She carried out the whole work with utmost sincerity and the present report is the outcome of her efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

(Dr. Jonali Gogoi)

Date: 15/05/2018



Dr. Dibyojyoti Bhattacharjee, Professor and Head, Email: djb.stat@gmail.com, ⊕ 94351-70253 Dr. Tanusree Deb Roy, Assistant Professor, Email: tanusree.deb.roy@gmail.com, ⊕ 94358-48138

Dr. Jonali Gogoi, Assistant Professor, Email: zonalic04@gmail.com, D 94353-80270

Ms. Sangeeta Goala, Laboratory Assistant, Email: goala sangeeta@gmail.com, @ 94017-12999

This is to certify that Subhankar Dey a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll 041816 No. 22380035 and Registration No.01-130036934 of 2013 2014 has successfully completed his dissertation paper entitled "Petroleum: Its production and consumption in India".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. He carried out the whole work with utmost sincerity and the present report is the outcome of his efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

Date: 15/05/2018

(Dr. Jonali Gogoi)

(iii)

Dr. Tanusree Deb Roy, Assistant Professor, Email: tanusree.deb.roy@gmail.com, D 94358-48138

Dr. Jonali Gogoi, Assistant Professor, Email: zonalic04@gmail.com, @ 94353-80270

[→] Ms. Sangeeta Goala, Laboratory Assistant, Email: goala.sangccta@gmail.com, Ф 94017-12999

This is to certify that Indrajit Mazumder a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll:-041816 No.:-22380040 and Registration No .: - 38-160081198 of 2016-2017 has successfully completed his dissertation paper entitled "Time Series Analysis of the Gross Domestic Product of India during the period 1996-2017."

The study was completed under my direct supervision and guidance for the partial fulfilment of the course curriculum of Master of Statistics. He carried out the whole work with utmost sincerity and the present report is the outcome of his efforts and endeavours. This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.



(Dr. Tanusree Deb Roy)

Date: 10.5.18

(iii)



CERTIFICATE

This is certify that **Anindita Das Choudhury** a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll <u>041917</u> No. <u>22380028</u> and Registration No. <u>02-130041809</u> of <u>2013 - 2014</u> has successfully completed his/her dissertation paper entitled "A study on the topic of Survival Analysis of Cancer Patients from Gauhati Medical College".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. She carried out the whole work with utmost sincerity and the present report is the outcome of her efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

Date: 06 05 2019

(Dr. Jonali Gogoi)



CERTIFICATE

This is certify that **Monoj Nath** a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll-041917 No. 22380045 and Registration No. 01-140060645 of 2014 - 2015 has successfully completed his dissertation paper entitled "A study on Road Accidents in India".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. He carried out the whole work with utmost sincerity and the present report is the outcome of his efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

Date: 06 05 2019

Dr. Jonali Gogoi)

Dr. Tanusree Deb Roy, Assistant Professor, Email: tanusree deb.roy@gmail.com, 7 94358-48138

Dr. Jonali Gogoi, Assistant Professor, Email: zonalic@gmail.com, 2 94353-80270

Ms. Sangeeta Goala, Laboratory Assistant. Email: goala.sangqrta@gmail.com, 2 94017-12999





This is certify that **Rinku Barman** a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll 041917 No. 22380053 and Registration No.38-170099788 of 2017 – 2018 has successfully completed his dissertation paper entitled "A study on Fruits and Vegetables production in India".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. He carried out the whole work with utmost sincerity and the present report is the outcome of his efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

Date: 06/05/2019

(Dr. Jonali Gogoi)





This is certify that Shayel Pradhan a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll 041917 No. 22380054 and Registration No. 38-170099789 of 2017-2018 has successfully completed his dissertation paper entitled "A study on pressure index of first innings in case of Twenty20 cricket".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. He carried out the whole work with utmost sincerity and the present report is the outcome of his efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

Date: 06 | 05 | 2019

(Dr. Dibyojyoti Bhattacharjee)

Dr. Dibyojyoti Bhattacharjee, Professor and Head, Email: djb.stat@gmail.com, @ 94351-70253

Dr. Tanusree Deb Roy, Assistant Professor, Email: tanusree.deb.roy@gmail.com, © 94358-48138

Dr. Jonali Gogoi, Assistant Professor, Email: zonalie04@gmail.com, ① 94353-80270

Ms. Sangeeta Goala, Laboratory Assistant, Email: goala.sangeeta@gmail.com, © 94017-12999



This is certify that Monowara Begom Mazumder, a student of Master of Statistics, 4th Semester of the Department of Statistics, under the Albert Einstein School of Physical Sciences, Assam University, Silchar, bearing Roll 041917 No. 22380046 and Registration No.03-140049582 of 2014 – 2015 has successfully completed her dissertation paper entitled "A study of Opening Partnership of ODI cricket team on England during run chase".

The study was completed under my direct supervision and guidance for the partial fulfillment of the course curriculum of Master of Statistics. She carried out the whole work with utmost sincerity and the present report is the outcome of her efforts and endeavors.

This work either in the present form or in part in any other form has not been submitted anywhere for any other degree or diploma to the best of my knowledge.

STUENT OF STREET

Date: 06/05/2019

(Prof. Dibyojyoti Bhattacharjee)

Dr. Jonali Gogoi, Assistant Professor, Email: zonalie04@gmail.com, 1) 94353-80270

Ms. Songeeta Goala, Laboratory Assistant, Email goala.sangeeta@gmail.com, © 94017-12999